



SEQUENCE LISTING

<110> Franklin, Sonya

<120> Artificial endonuclease

<130> 875.037US1

<140> US 09/785,546

<141> 2001-02-16

<160> 8

<210> 1

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 1

Glu	Arg	Arg	Arg	Gln	Gln	Leu	Ser	Ser	Glu	Ala	Glu	Thr	Ile	Phe	Gly
1				5					10					15	
Asp	Gly	Asp	Lys	Asp	Glu	Ile	Lys	Ile	Trp	Phe	Gln	Asn	Lys	Arg	Ala
			20					25					30		
Lys															

<210> 2

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 2

Thr	Glu	Arg	Arg	Arg	Gln	Gln	Leu	Asp	Lys	Asp	Gly	Asp	Gly	Thr	Ile
1				5					10					15	
Asp	Glu	Arg	Glu	Ile	Lys	Ile	His	Phe	Gln	Asn	Lys	Arg	Ala	Lys	Ile
			20					25					30		
Lys															

<210> 3

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 3

Thr	Glu	Arg	Arg	Arg	Phe	Asp	Lys	Asp	Gly	Asn	Gly	Tyr	Ile	Ser	Ala
1				5					10					15	
Ala	Glu	Leu	Arg	His	Val	Lys	Ile	Trp	Phe	Gln	Asn	Lys	Arg	Ala	Lys
			20					25					30		
Ile	Lys														

<210> 4

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 4

Thr	Glu	Arg	Arg	Arg	Phe	Arg	Val	Phe	Asp	Lys	Asp	Gly	Asn	Gly	Tyr
1				5				10					15		
Ile	Ser	Ala	Ala	Glu	Lys	Ile	Trp	Phe	Gln	Asn	Lys	Arg	Ala	Lys	Ile
			20					25					30		

Lys

<210> 5

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 5

Thr	Arg	Arg	Arg	Arg	Phe	Leu	Ser	Phe	Asp	Lys	Asp	Gly	Asp	Gly	Thr
1				5				10					15		
Ile	Thr	Thr	Lys	Glu	Glu	Val	Trp	Phe	Gln	Asn	Arg	Arg	Met	Lys	Trp
			20					25					30		

Lys

<210> 6

<211> 63

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 6

Asp	Glu	Lys	Arg	Pro	Arg	Thr	Ala	Phe	Ser	Gly	Glu	Gln	Leu	Ala	Arg
1				5				10					15		
Leu	Lys	Arg	Glu	Phe	Asn	Glu	Asn	Arg	Tyr	Leu	Thr	Glu	Arg	Arg	Arg
			20					25					30		
Leu	Arg	Val	Phe	Asp	Lys	Asp	Gly	Asn	Gly	Phe	Ile	Ser	Ala	Ala	Glu
			35				40					45			
Lys	Ile	Trp	Phe	Gln	Asn	Lys	Arg	Ala	Lys	Ile	Lys	Lys	Ser	Thr	
	50					55					60				

<210> 7

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> A synthetic peptide.

<400> 7

Thr	Glu	Arg	Arg	Arg	Gln	Gln	Leu	Asp	Lys	Asp	Gly	Asp	Gly	Thr	Ile
1				5				10					15		
Asp	Glu	Arg	Glu	Ile	Lys	Ile	Trp	Phe	Gln	Asn	Lys	Arg	Ala	Lys	Ile
			20					25					30		

Lys

<210> 8
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> A synthetic peptide.

<400> 8
Phe Arg Val Phe Asp Lys Asp Gly Asn Gly Tyr Ile Ser Ala Ala Glu
1 5 10 15
Lys Ile Trp Phe
20